



1998 Toxics Release Inventory

ALASKA

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	1,937,473	305,081,034	307,018,507
Air Emissions	1,838,917	1,097,072	2,935,989
Surface Water Discharges	96,428	1,335	97,763
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	256	29,024,000	29,024,256
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	1,872	274,958,627	274,960,499
Off-site Releases (Transfers Off-site to Disposal) *	286	346	632
Total On- and Off-site Releases	1,937,759	305,081,380	307,019,139
Recycled On-site	29,841	536,479	566,320
Recycled Off-site	26,770	0	26,770
Energy Recovery On-site	450,000	0	450,000
Energy Recovery Off-site	4,979	269	5,248
Treated On-site	1,535,357	50,290	1,585,647
Treated Off-site**	832	11,895	12,727
Quantity Released On- and Off-site***	1,951,419	305,800,282	307,751,701
Total Production-related Waste Managed	3,999,198	306,399,215	310,398,413
Total Non-production-related Waste Managed	7,656	33	7,689

Transfers Off-site for Further Waste Management/Disposal

Recycling	27,124	38,488	65,612
Energy Recovery	4,982	180	5,162
Treatment	196	2,671	2,867
Publicly Owned Treatment Works (POTWs)	0	5	5
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	5	5
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	11,086	351	11,437
Total Transfers Off-site for Further Waste Management/Disposal	43,388	41,695	85,083

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

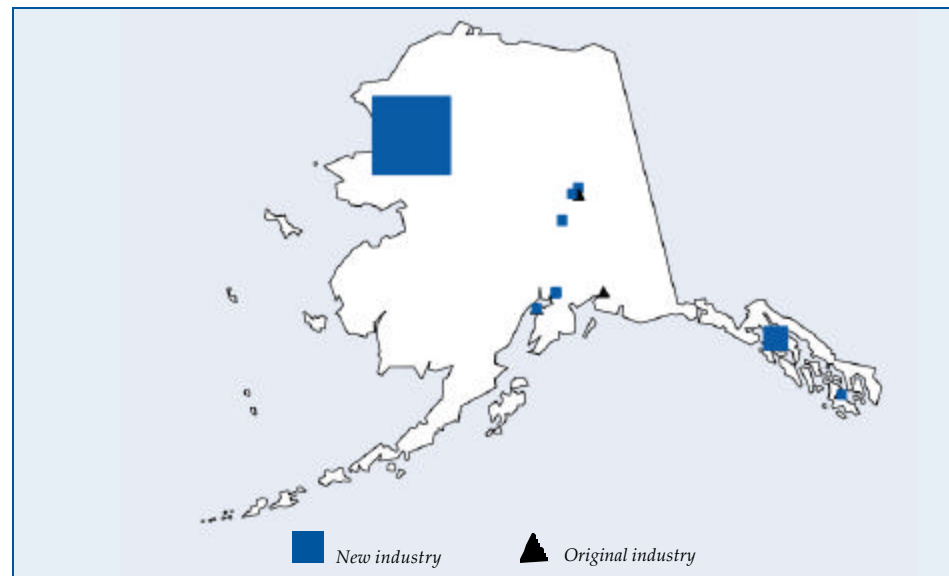
****Transfers reported without a valid waste management code.

For More Information . . .

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**To obtain TRI data use assistance, call
TRI User Support Service (TRI-US):**
(202) 260-1531
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Alaska. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	614,010
Square Miles	570,374
Total Facilities	19
Total Forms	113
Form As	9

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	48	4	6
Pounds	1,937,759	305,081,380	307,019,139
National Rank for Total On-site Releases**			
Rank	48	4	4
Pounds	1,937,473	305,081,034	307,018,507
National Rank for Total Releases within State***			
Rank	48	4	6
Pounds	1,937,475	305,081,153	307,018,628
National Rank for Production-related Waste Managed			
Rank	51	5	29
Pounds	3,999,198	306,399,215	310,398,413

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7664-41-7	Ammonia	1,470,578	35,058	5	0	0	1,505,641	0	0	0
67-56-1	Methanol	81,000	370	1	0	0	81,371	0	0	0
108-88-3	Toluene	75,016	0	0	282	0	75,298	0	0	0
1330-20-7	Xylene (mixed isomers)	65,583	0	0	281	32	65,896	0	0	32
7647-01-0	Hydrochloric acid	61,000	0	0	0	0	61,000	0	0	0
—	Nitrate compounds	0	46,000	250	0	0	46,250	0	0	0
71-43-2	Benzene	29,953	0	0	261	0	30,214	0	0	0
110-54-3	n-Hexane	20,582	0	0	263	0	20,845	0	0	0
107-21-1	Ethylene glycol	1,000	15,000	0	5	0	16,005	0	0	0
100-41-4	Ethylbenzene	13,217	0	0	256	4	13,477	0	0	4

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On- and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	16,427	740	18,000,000	186,044,667	0	204,061,834	0	0	0
—	Lead compounds	8,305	139	6,800,000	76,120,918	16	82,929,378	4	0	16
—	Barium compounds	421,020	5	1,200,000	2,320,000	0	3,941,025	0	0	0
—	Manganese compounds	66,113	96	720,000	2,965,330	0	3,751,539	0	0	0
—	Copper compounds	661	32	1,100,000	2,530,126	0	3,630,819	0	0	0
—	Antimony compounds	16	4	170,000	1,310,000	0	1,480,020	0	0	0
—	Cadmium compounds	175	27	88,000	1,232,392	1	1,320,595	0	0	1
—	Arsenic compounds	482	5	760,000	534,000	0	1,294,487	0	0	0
—	Nickel compounds	337	279	22,000	748,253	2	770,871	0	0	2
—	Chromium compounds	172	6	0	544,983	2	545,163	3	0	2

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pound			
Alaska Nitrogen Prods. L.L.C., Kenai, K110 Kenai Peninsula	1,542,451	95,370	0	256	0	8	1,638,085	0	11,050
Tesoro Alaska Petroleum Co., Kenai Refy., Kenai, Kenai Peninsula	206,374	1,058	0	0	0	114	207,546	0	36
Ketchikan Pulp Co., Ketchikan, Ketchikan Gateway	61,000	0	0	0	0	0	61,000	0	0
Williams Alaska Petroleum Inc., North Pole, Fairbanks North Star	28,337	0	0	0	0	1,750	30,087	0	0
Petro Star Valdez Refy., Valdez, Valdez-Cordova	500	0	0	0	0	0	500	0	0
Petro Star Inc., North Pole, Fairbanks North Star	255	0	0	0	0	0	255	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Release in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Red Dog Ops., Kotzebue, Northwest Arctic	479,668	719	0	0	0	249,203,015	249,683,402	0	21
Kennecott Greens Creek Mining Co., Juneau, Juneau	16,956	616	0	29,024,000	0	24,049,700	53,091,272	0	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	14,590	0	0	0	0	1,515,869	1,530,459	0	0
Healy Power Plant, Healy, Denali	567,100	0	0	0	0	0	567,100	0	0
Nixon Fork Project, Mc Grath, Yukon-Koyukuk	0	0	0	0	0	190,005	190,005	0	0
Kenai Pipeline Co. — KPL Facility, Kenai, Kenai Peninsula	6,727	0	0	0	0	38	6,765	0	0
Equilon Anchorage Terminal, Anchorage, Anchorage	4,000	0	0	0	0	0	4,000	25	285
Williams Alaska Petroleum Inc. Anchorage Terminal, Anchorage, Anchorage	2,115	0	0	0	0	0	2,115	0	0
Tesoro Alaska Co. — Ketchikan Terminal, Ketchikan, Ketchikan Gateway	1,866	0	0	0	0	0	1,866	0	0
Tesoro Alaska Co. — Anchorage Terminal, Anchorage, Anchorage	1,596	0	0	0	0	0	1,596	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Alaska Nitrogen Prods. L.L.C., Kenai, Kenai Peninsula	0	26,770	450,000	0	1,488,700	0	1,654,810	3,620,280	7,000
Tesoro Alaska Petroleum Co., Kenai Refy., Kenai, Kenai Peninsula	0	0	0	4,776	40,570	630	207,549	253,525	0
Ketchikan Pulp Co., Ketchikan, Ketchikan Gateway	0	0	0	0	0	0	61,000	61,000	0
Williams Alaska Petroleum Inc., North Pole, Fairbanks North Star	29,841	0	0	203	6,087	202	27,800	64,133	656
Petro Star Valdez Refy., Valdez, Valdez-Cordova	0	0	0	0	0	0	229	229	0
Petro Star Inc., North Pole, Fairbanks North Star	0	0	0	0	0	0	31	31	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Red Dog Ops., Kotzebue, Northwest Arctic	520,404	0	0	0	0	0	249,692,858	250,213,262	0
Kennecott Greens Creek Mining Co., Juneau, Juneau	0	0	0	0	0	0	53,803,000	53,803,000	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	0	0	0	0	41,631	9,330	1,530,459	1,581,420	9
Healy Power Plant, Healy, Denali	0	0	0	0	0	0	567,100	567,100	4
Nixon Fork Project, Mc Grath, Yukon-Koyukuk	0	0	0	0	0	0	190,000	190,000	2
Kenai Pipeline Co. — KPL Facility, Kenai, Kenai Peninsula	0	0	0	86	0	0	6,765	6,851	0
Equilon Anchorage Terminal, Anchorage, Anchorage	0	0	0	0	0	0	2,741	2,741	18
Williams Alaska Petroleum Inc. Anchorage Terminal, Anchorage, Anchorage	0	0	0	172	8,659	0	2,116	10,947	0
Tesoro Alaska Co. — Ketchikan Terminal, Ketchikan, Ketchikan Gateway	0	0	0	0	0	0	1,865	1,865	0
Tesoro Alaska Co. — Anchorage Terminal, Anchorage, Anchorage	16,075	0	0	0	0	5	1,595	17,675	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.